

Scotland's Rural College

Scottish Recommended List for Cereals 2014

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Scottish Recommended List for Cereals 2014 Tables

Data from HGCA Recommended List Trials



Scottish Recommended List for Cereals 2014

Spring barley Yield of 100 = 6.8 t/ha

Year First Listed	Recommendation		Grain yield % treated Control	Yield loss (%) if untreated	Use Brewing, Distilling, Grain Distilling	IBD† Malting Approval	Screenings <2.5 mm	Specific weight kg/hl		Maturity days +/- Optic	Straw Strength; 1 to 9 weak to stiff	Straw length cm	Brackling risk; 1 to 9 high to low	Disease resistance 1 susceptible to 9 resistant		
														Mildew	Rhynchosporium	Ramularia
2014	P1	Shada	110	10	Feed	No	[10.3]	65.8		+2	[8]	68	8	8	5	[8]
2014	P1	KWS Irina	109	13	B	T	[4.9]	66.3		+1	[7]	68	9	8	4	[7]
2014	P1	Shaloo	109	10	B	T	[6.5]	68.4		+1	[8]	75	8	8	8	[3]
2013	P1	Sanette	108	12	B	P	[5.3]	67.0		+2	---	71	8	9	6	[8]
2012	R	Odyssey	105	12	B & D	P & F	3.5	68.1		+2	[5]	73	8	9	7	6
2010	R	Propino	105	10	B	F	2.4	67.7		+1	8	76	8	8	7	6
2005	R	Waggon	103	10	Feed	No	---	67.6		0	8	74	8	9	3	7
2013	P2	Glassel	103	10	D	P	5.0	67.0		+2	[7]	72	9	9	4	6
2012	P3	Overture	102	7	B & D	P	3.7	68.3		+1	[7]	75	8	8	7	7
2011	R	Moonshine	100	11	D	F	3.4	67.6		0	[8]	72	8	[8]	4	5
2009	R	Concerto	98	9	B & D	F	2.8	68.6		+2	6	77	8	8	4	6
2008	R	Belgravia	97	9	D & GD	F	3.8	68.3		+1	[7]	77	8	[9]	7	7
1995	R	Optic	95	14	B & D	F	4.8	70.1		0	7	74	5	5	3	5
2005	O	Westminster	94	7	Feed	No	3.3	70.0		+1	7	81	7	9	7	7

Colour code

Good

Towards good

Intermediate

Towards poor

Poor

R = Recommended for general use	† Institute of Brewing and Distilling	--- = Insufficient information
P1, P2 and P3 = Provisional Year 1, 2 and 3	F = IBD Full Approval	[] = HGCA limited data
S = Specific use variety	P = IBD Provisional Approval	
O = Becoming outclassed	T = Under test as a malting variety	

Data from HGCA Recommended List trials. The full data sets collected are available on the HGCA website (www.hgca.com)

Scottish Recommended List for Cereals 2014

Winter barley Yield of 100 = 8.4 t/ha

Year First Listed	Recommendation		Yield % of treated control	Yield % loss if untreated	Yield % control		IBD† Malting Approval	Screenings % <2.5 mm	Specific weight	Maturity days +/- Pearl	Straw Strength; 1 to 9 weak to stiff	Straw length cm	Disease resistance 1 susceptible to 9 resistant			
					Light soil	Heavy soil							Mildew	Rhyncho-sporium	Net Blotch	BaMMV R=resistant
2009	R	Volume	108	18	108	109	No	14.4	68.8	-2	6	98	5	7	6	R
2014	P1	Cavalier	107	21	105	106	No	5.9	70.6	-2	6	82	5	5	[5]	R
2014	P1	KWS Tower	106	18	108	108	No	2.6	68.2	-1	7	88	5	6	4	R
2012	R	KWS Meridian	106	14	103	106	No	5.2	66.2	-2	7	101	7	6	7	R
2007	R	Retriever	106	21	106	106	No	---	67.4	-2	6	84	6	5	5	R
2013	P2	KWS Glacier	105	17	105	110	No	4.1	70.2	-2	7	81	4	6	6	R
2010	R	KWS Cassia	104	15	103	103	No	3.0	71.3	-1	7	87	4	4	7	R
2011	R	Escadre	102	17	101	101	No	6.7	70.6	-2	7	95	3	7	7	R
2007	S	Cassata	95	14	95	95	F	3.7	69.0	0	8	88	4	7	4	R
1999	S	Pearl	90	12	92	92	F	3.4	71.0	0	7	96	6	5	4	

Colour code

Good

Towards good

Intermediate

Towards poor

Poor

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† Institute of Brewing and Distilling

--- = Insufficient information

P1 and P2 = Provisional Year 1 and 2

F = IBD Full Approval

[] = HGCA limited data

S = Specific use variety

O = Becoming outclassed

Data from HGCA Recommended List trials. The full data sets collected are available on the HGCA website (www.hgca.com)

Scottish Recommended List for Cereals 2014

Winter wheat Yield of 100 = 9.5 t/ha

Year First Listed	Recommendation		Grain yield % treated Control	Yield loss if untreated %	Use as a 2 nd cereal	Quality markets			Specific weight kg/hl	HFN	Maturity days +/- Solstice	Straw strength 1-9	Straw length cm	Disease resistance					
						Distilling	UK Milling	Export ‡						1 susceptible to 9 resistant					
														Mil-dew	Yellow rust	Septoria nodorum	Septoria tritici	Eye-spot	Fusarium
2014	P1	Twister	[109]	9	Good	Med	---	uks [B]	76.7	164	+2	7	87	4	6	[6]	5	[6]	[6]
2013	P2	Leeds	108	17	Good	Good	---	uks [B]	77.9	192	+2	7	86	3	7	[6]	5	[5]	7
2013	P2	Myriad	105	13	Poor	Med	---	uks [Y]	76.5	217	+2	7	89	6	8	[5]	5	6	7
2009	R	Viscount	105	14	Mod	Good	---	uks [B]	75.9	159	+1	6	81	7	5	[6]	5	6	6
2012	R	Horatio	104	11	Mod	Med	---	uks [B]	75.9	222	+1	7	88	7	6	[5]	5	5	6
2010	R	Beluga	103	16	Mod	Good	---	uks [Y]	75.1	157	0	7	78	4	5	[5]	5	5	6
2006	O	Alchemy	98	10	Poor	Med	---	uks B	77.3	230	+2	7	89	8	7	5	6	6	7
2014	P1	Zulu	[104]	12	Mod	Med	Biscuit	uks [Y]	75.7	208	+2	6	88	7	9	[6]	5	[7]	[6]
2014	P1	Icon	[104]	7	Mod	Good	Biscuit	uks [B]	75.6	209	+2	7	85	8	9	[5]	6	[4]	[6]
2011	O	Tuxedo	102	9	Mod	Med	Biscuit	uks [Y]	74.6	271	+1	7	82	7	9	[6]	6	6	6
2010	R	Invicta	102	10	Poor	Med	Biscuit	uks [B]	75.1	229	+3	7	89	5	8	[5]	5	4	6
2002	S	Solstice	97	17	Mod	Poor	Bread	ukp Y	77.9	246	0	8	91	4	4	[6]	5	4	6
2004	S	Cordiale	96	13	Good	Poor	Bread	ukp Y	79.0	305	-1	8	78	6	6	[5]	5	4	5
2009	S	Gallant	94	14	Mod	Poor	Bread	ukp Y	77.0	291	-1	8	81	5	5	[5]	4	5	5
2009	R	Grafton	102	10	Good	Poor	---	---	77.9	248	-1	8	76	7	6	[5]	5	6	5

Colour code

Good

Towards good

Intermediate

Towards poor

Poor

R = Recommended for general use	‡ see export potential in thumbnail sketch	Y = suited to that market	HFN = Hagberg falling number
P1 and P2 = Provisional Year 1 and 2	uks = soft wheat for export	[Y] = may be suited to that market	Mod = moderate; Med = medium
S = Specific use variety	ups = bread wheat for export	B = suitable for blending into cargoes	--- = Not applicable
O = Becoming outclassed		[B] = may be suitable for blending into cargoes	[] = HGCA limited data

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Scottish Recommended List for Cereals 2014

Spring oats (Yield of 100 = 7.9 t/ha)

Year first listed	Recommendation		UK Grain yield % treated controls	Yield loss if untreated %	% Kernel content	Screenings % <2.0mm	Specific weight kg/hl	Maturity days +/- Firth	Straw strength 1-9 weak-strong	Straw length cm	Crown Rust 1-9	Mildew 1-9
2011	R	Canyon	102	9	76.3	0.8	54.8	-2	[7]	115	---	8
2014	P1	Conway	101	9	77.7	[0.9]	54.3	0	[7]	106	---	7
2000	R	Firth	99	10	78.6	1.3	54.2	0	7	104	---	7
2008	R	Husky	98	12	78.2	1.1	55.4	-4	7	107	---	7
2007	R	Atego	98	16	76.2	1.8	53.2	-3	[7]	101	---	3

Winter oats (Yield of 100 = 8.2 t/ha)

Year first listed	Recommendation		UK Grain yield % treated controls	Yield loss if untreated %	% Kernel content	Screenings % <2.0mm	Specific weight kg/hl	Maturity days +/- Gerald	Straw strength 1-9 weak-strong	Straw length cm	Crown Rust 1-9	Mildew 1-9
2014	P1	Rhapsody	109	---	72.3	2.6	50.0	0	[5]	104	[6]	[8]
2010	R	Balado	105	---	72.8	3.3	49.3	+1	8	86	[3]	4
2003	R	Dalguise	101	---	75.7	3.5	54.1	-1	4	114	[3]	4
1993	R	Gerald	101	---	73.5	3.1	53.1	0	6	110	[5]	3
2004	R	Mascani	98	---	78.1	1.7	54.2	-1	6	109	[8]	6

Spring wheat (Yield of 100 = 7.0 t/ha)

Year first listed	Recommendation		UK Grain yield % treated controls	Yield loss if untreated %	nabim Group	Hagberg falling number	Specific weight kg/hl	Maturity days +/- Paragon	Straw strength 1-9 weak-strong	Straw length cm	Septoria tritici	Mildew
2003	R	Tybalt	105	---	2	293	75.5	[-1]	---	81	6	8
2011	R	Mulika	102	---	1	305	77.1	[-2]	---	84	5	[7]
2003	R	Ashby	100	---	2	296	77.9	[-1]	---	83	5	6
1999	O	Paragon	95	---	1	316	77.8	[0]	---	89	6	8

Colour code

Good

Towards good

Intermediate

Towards poor

Poor

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